

IN THE SPECIFICATION

Please amend the appropriate paragraphs of specification in accordance with proposed changes as outlined hereinbelow:

Please replace the current Title of the Invention with the following substitute title:
--MAGNETIC RECORDING HEAD FOR PERPENDICULAR RECORDING AND INCLUDING A PORTION PROTRUDING TOWARD A MAIL POLE AND MAGNETIC DISC STORAGE APPARATUS MOUNTING THE MAGNETIC HEAD--

Please amend the paragraph starting at page 3, line 25 and continuing to page 4, line 9, as follows:

In addition to the strength of the recording head magnetization and the magnetic field gradient, another important factor for the realization of high recording density is the binarization of the field distribution, particularly the field distribution on the trailing side (downstream of the direction in which the disc rotates) which determines the magnetic-transition pattern of the bits recorded on the medium. If the magnetic-transition pattern is curved with respect to the track direction, the magnetic transition width appears large upon reproduction with a GMR (giant magnet resistive) head or a TMR (tunneling ~~magnet resistive~~ magnetoresistive) head, for example, resulting in an increase in the maximum half width of the isolated pulse as well as the problem of the recording track width being narrowed by an increase in the track recording density. Therefore, in order to achieve higher recording density in the future, the problem of the curvature of the magnetic-transition pattern must be corrected.